EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5744057").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 14:11
L2	20	("4997591" | "5326495" | "5350873" | "5417882" | "5417884" | "5455325").PN. OR ("5744057"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/14 14:13
L3	10	("5631665" | "5744057" | "5780629" | "5788880" | "5827449" | "5851604" | "5886242" | "5942030" | "6071438" | "6417902").PN. OR ("6850310").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/14 14:19
L4	11	("5744057" | "5753141" | "5780629" | "5788880" | "5827449" | "5833880" | "5851277" | "6099751" | "6136225" | "6136251").PN. OR ("6569355").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/14 16:44
L5	1	((("6773766") or ("2003430322") or ("2001857216")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 17:13
L10	17	("20010001509" | "3679290" | "5486935" | "5506704" | "5683622" | "5744057" | "5751384" | "5762823" | "5780629" | "5793456" | "5822029" | "5825444" | "5833880" | "5886242" | "5948831" | "6193937").PN. OR ("6773766"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/14 17:17
L12	1	("6712992").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 17:23
L13	1	("6605235").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 17:25
L14	1	("6733689").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 17:27
L15	1	("6773766").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 17:28
L16	1	("6060042").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 17:28
S30	935	(349/117-118).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 09:35

EAST Search History

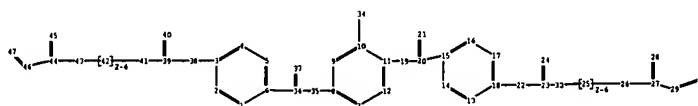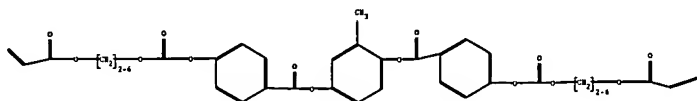|						
S31	2	(((monomer near6 "liquid crystal") with (formula or structure)) and ((chiral near6 polymer$5) with (formula or structure))) and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 09:47
S32	12	(((monomer near6 "liquid crystal") with (formula or structure)) and ((chiral near6 polymer$5) with (formula or structure))) and "349"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 09:38
S33	20	((monomer near6 "liquid crystal") and (chiral near6 polymer$5)) and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 09:54
S34	136	((monomer near6 "liquid crystal") and (chiral near6 polymer$5)) and "349"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 09:55
S35	116	S34 not S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 09:54
S36	40	(((monomer near6 "liquid crystal") and (chiral near6 polymer$5)) and anisotropic) and "349"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 09:55
S37	34	S36 not S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 09:55
S38	152	kashima near2 keiji	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/14 10:44

S39	21	(("6377325") or ("6646701") or ("5504603") or ("5403510") or ("20040095532") or ("20040051831") or ("20050151896") or ("6421107") or ("5926241") or ("5953091") or ("6067141") or ("5601884") or ("5241408") or ("6800220") or ("5876837") or ("6674505") or ("6795139") or ("5863457") or ("5619352") or ("5688566") or ("4385806")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 14:11

CAS on line

structure search,

chain nodes :
```
    19   20   21   22   23   24   25   26   27   28   29   30   33   34   35   36   37   38   39
    40   41   42   43   44   45   46   47
```
ring nodes :
```
    1    2    3    4    5    6    7    8    9    10   11   12   13   14   15   16   17   18
```
chain bonds :
```
    3-38   6-36   8-35   10-34   11-19   15-20   18-22   19-20   20-21   22-23   23-24
    23-33   25-26   25-33   26-27   27-28   27-29   29-30   35-36   36-37   38-39   39-40
    39-41   41-42   42-43   43-44   44-45   44-46   46-47
```
ring bonds :
```
    1-2   1-6   2-3   3-4   4-5   5-6   7-8   7-12   8-9   9-10   10-11   11-12   13-14
    13-18   14-15   15-16   16-17   17-18
```
exact/norm bonds :
```
    3-38   8-35   11-19   18-22   19-20   20-21   22-23   23-24   23-33   26-27   27-28
    35-36   36-37   38-39   39-40   39-41   43-44   44-45
```
exact bonds :
```
    6-36   10-34   15-20   25-26   25-33   27-29   29-30   41-42   42-43   44-46   46-47
```
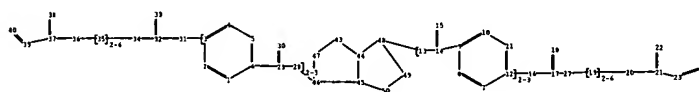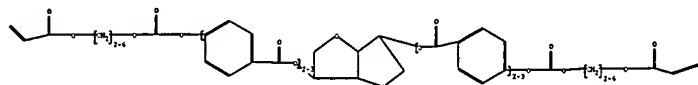normalized bonds :
```
    1-2   1-6   2-3   3-4   4-5   5-6   7-8   7-12   8-9   9-10   10-11   11-12   13-14
    13-18   14-15   15-16   16-17   17-18
```

Match level :
```
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom
    10:Atom   11:Atom   12:Atom   13:Atom   14:Atom   15:Atom   16:Atom   17:Atom
    18:Atom   19:CLASS   20:CLASS   21:CLASS   22:CLASS   23:CLASS   24:CLASS
    25:CLASS   26:CLASS   27:CLASS   28:CLASS   29:CLASS   30:CLASS   33:CLASS
    34:CLASS   35:CLASS   36:CLASS   37:CLASS   38:CLASS   39:CLASS   40:CLASS
    41:CLASS   42:CLASS   43:CLASS   44:CLASS   45:CLASS   46:CLASS   47:CLASS
```

chain nodes :
        13   14   15   16   17   18   19   20   21   22   23   24   27   28   29   30   31   32   33   34   35   36
        37   38   39   40
ring nodes :
        1   2   3   4   5   6   7   8   9   10   11   12   43   44   45   46   47   48   49   50
chain bonds :
        3-31   6-29   9-14   12-16   13-14   13-48   14-15   16-17   17-18   17-27   19-20   19-27   20-21
        21-22   21-23   23-24   28-29   28-46   29-30   31-32   32-33   32-34   34-35   35-36   36-37   37-38
        37-39   39-40
ring bonds :
        1-2   1-6   2-3   3-4   4-5   5-6   7-8   7-12   8-9   9-10   10-11   11-12   43-44   43-47   44-45
        44-48   45-46   45-50   46-47   48-49   49-50
exact/norm bonds :
        3-31   12-16   13-14   13-48   14-15   16-17   17-18   17-27   20-21   21-22   28-29   28-46   29-30
        31-32   32-33   32-34   36-37   37-38   43-44   43-47   44-45   44-48   45-46   45-50   46-47   48-49
        49-50
exact bonds :
        6-29   9-14   19-20   19-27   21-23   23-24   34-35   35-36   37-39   39-40
normalized bonds :
        1-2   1-6   2-3   3-4   4-5   5-6   7-8   7-12   8-9   9-10   10-11   11-12

Match level :
        1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom   11:Atom
        12:Atom   13:CLASS   14:CLASS   15:CLASS   16:CLASS   17:CLASS   18:CLASS   19:CLASS   20:CLASS
        21:CLASS   22:CLASS   23:CLASS   24:CLASS   27:CLASS   28:CLASS   29:CLASS   30:CLASS   31:CLASS
        32:CLASS   33:CLASS   34:CLASS   35:CLASS   36:CLASS   37:CLASS   38:CLASS   39:CLASS   40:CLASS
        43:Atom   44:Atom   45:Atom   46:Atom   47:Atom   48:CLASS   49:CLASS   50:Atom